ABSTRACT OF DISCLOSURE

In an exhaust gas processing device wherein in order to efficiently outwardly discharge heat at high temperatures of about 90-150°C released from a GGH reheater(9) during the shutdown of a desulfurizer, to prevent damage to equipment and corrosion preventibe lining material, and to ensure long-term stabilized use of the exhaust gas processing device, at least a GGH heat recovery unit(5), an absorption tower(6), a mist eliminator(M/E)(8), and the GGH reheater(9) are placed in a duct for exhaust gases discharged from a fire furnace, in the order named as seen from the upstream side of a flow of exhaust gases, an exhaust gas duct(7) between the M/E(8) and the reheater(9)(the exhaust gas duct(7) between the M/E(8)and the reheater(9) may be provided with an SGH(16)) is provided with a heat radiation device (a blow-off valve(11), a blow-off pipeline(12)) or the like having a heat suppression function for suppressing dissipated heat from the reheater(9).